

rule
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275. (New) A method of managing pharmaceutical care of a patient comprising the steps of:

providing drug data for a plurality of drugs in a clinical database, each drug having associated therewith a unique identifier comprising a first order representing a therapeutic class of the drug, a second order representing a therapeutic subclass of the drug, and a third order representing the drug;

providing patient data for a plurality of patients in a patient database, the patient data comprising disease states and allergies for each respective patient;

A adding to the patient database data representing a therapy regimen of a patient, the therapy regimen comprising at least one prescribed drug, a frequency per day for each respective prescribed drug, a daily dosage for each respective prescribed drug, a date of last dispensing for each respective prescribed drug, a quantity of drug dispensed for each date of last dispensing for each respective prescribed drug, a quantity of drug remaining for each respective prescribed drug, and a compliance percentage;

generating a plurality of progress reports for a patient, each progress report being generated at a different time;

comparing a progress report with a plurality of monitoring parameters; and modifying the therapy regimen for a patient based upon the comparison of a progress report for the patient with the plurality of monitoring parameters.

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25. (New) The method of claim 25, further comprising:

comparing a first progress report with a second progress report, the first progress report being generated earlier in time than the second progress report; and
modifying the therapy regimen for the patient based upon the comparison of the first and second progress reports.

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27. (New) The method of claim 25, wherein each unique identifier comprises a plurality of additional orders corresponding to additional information for the drug.

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28. (New) The method of claim 25, wherein each unique identifier is linked to one or more disease states identified by an International Classification of Diseases-9 (ICD9) identifier.

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29. (New) The method of claim 25, further comprising documenting pharmacist interventions with the patient, wherein the pharmacist interventions comprise clinical interventions, patient-educational interventions, and patient compliance interventions.

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30. (New) The method of claim 25, further comprising constructing a therapy plan for the patient based upon an evaluation of the therapy regimen, the therapy plan comprising at

least one medical problem, at least one medical-related goal, at least one course of therapy, and a plurality of monitoring parameters.

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31. (New) The method of claim 30, further comprising:

analyzing a plurality of surveys submitted by the patient, wherein each answer in a survey is assigned a numerical value, to derive a plurality of results for each survey;

indexing each survey by date of completion;

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graphically displaying the results of the surveys, wherein the plurality of surveys is displayed simultaneously; and

modifying the therapy plan based upon the results of the surveys.

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32. (New) The method of claim 25, further comprising the step of producing a printed report comprising information from the patient database.

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33. (New) A system for managing pharmaceutical care of patients comprising:

a clinical database comprising drug data entries for a plurality of drugs, each drug data entry having associated therewith a unique identifier, each unique identifier comprising a first order representing a therapeutic class of the drug, a second order representing a therapeutic subclass of the drug, and a third order representing the drug;

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a patient database comprising patient data entries for a plurality of patients, each patient data entry comprising a therapy regimen data, a disease state data, and allergy data for each respective patient; and

a program configured to process the drug data entries and the patient data entries, wherein the program retrieves a drug data entry by referring to the unique identifier linked to a drug.

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34. (New) The system of claim 33, wherein the program further constructs, tracks and modifies a therapy plan for a patient based upon an evaluation of the therapy regimen data for the patient and the disease state data for the patient.

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35. (New) The system of claim 33, wherein each unique identifier comprises a plurality of additional orders representing additional classifications of the drug.

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36. (New) The system of claim 33, wherein each unique identifier is linked to one or more disease states identified by an International Classification of Diseases-9 (ICD9) identifier.

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37. (New) The system of claim 33, wherein each unique identifier comprises a plurality of characters, the plurality of characters having a first set of characters corresponding to

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the first order, a second set of characters corresponding to the second order, and a third set of characters corresponding to the third order.

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38. (New) The system of claim 37, wherein each unique identifier comprises at least eight characters.

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39. (New) The system of claim 33, further comprising an integrated database, wherein the clinical database and patient database are maintained within the integrated database.

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40. (New) The system of claim 33, wherein each therapeutic class of a drug identifies indications, contraindications, recommended dosages, adverse reactions, and drug-drug interactions for the drug.

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41. (New) The system of claim 33, wherein each therapeutic class comprises therapeutically-related drugs usable for comparable indications.

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42. (New) The system of claim 33, wherein the therapy regimen data comprises a compliance percentage for a drug, the compliance percentage calculated using the equation:

Compliance Percentage = ((Quantity Dispensed - Quantity Remaining) * 100) / ((Unit Dose * Frequency Per Day) * (Evaluation Date - Date of Last Dispensing)).

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43. (New) A method of managing pharmaceutical care of a patient comprising:

prior to the following steps, storing in a clinical database, for each of a plurality of drugs, a list of indications and contraindications for each drug, wherein each drug is linked to the indications and contraindications for that drug via a unique identifier comprising a first order representing a therapeutic class of the drug, a second order representing a therapeutic subclass of the drug, and a third order representing the drug;

storing in a patient database, for each of a plurality of patients, one or more disease states, a therapy regimen, and known allergies;

comparing the therapy regimen of a patient with the disease state of the patient to evaluate the relationship of the therapy regimen and the disease state of the patient; and

constructing a therapy plan for the patient based upon the evaluation, the therapy plan comprising at least one medical problem, at least one medical-related goal, at least one course of therapy, and a plurality of monitoring parameters.

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44. (New) The method of claim 43, wherein the therapy regimen comprises at least one prescribed drug, a frequency per day for each respective prescribed drug, a daily dosage for each respective prescribed drug, a date of last dispensing for each respective prescribed drug, a

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quantity of drug dispensed for each date of last dispensing for each respective prescribed drug, a quantity of drug remaining for each respective prescribed drug, and a compliance percentage.

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45. (New) The method of claim 44, wherein the compliance percentage is calculated using the equation: Compliance Percentage = ((Quantity Dispensed - Quantity Remaining) * 100) / ((Unit Dose * Frequency Per Day) * (Evaluation Date - Date of Last Dispensing)).

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46. (New) The method of claim 44, wherein each therapeutic class comprises therapeutically-related drugs usable for comparable indications, and the method further comprises:

comparing a prescribed drug in the therapy regimen with other prescribed drugs to identify prescribed drugs belonging to the same therapeutic class; and

notifying a user if more than one prescribed drug in the same therapeutic class is present in the therapeutic regimen.

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47. (New) The method of claim 43, wherein the clinical database further comprises recommended dosages, adverse reactions, and drug-drug interactions for each drug, wherein the recommended dosages, adverse reactions, and drug-drug interactions are linked to each drug by the unique identifier.

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48. (New) The method of claim 43, further comprising retrieving the indications and contraindications for a drug by reference to the unique identifier linked to that drug.

Respectfully submitted,

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